|   | Index of Claims |            |          |          |         |          |          |                     |                            |           |              |          |                      | A        | Application/Control No. |               |              |        |        |         |     |                 |                |                 | Applicant(s)/Patent under Reexamination |         |          |          |          |          |           |   |     |
|---|-----------------|------------|----------|----------|---------|----------|----------|---------------------|----------------------------|-----------|--------------|----------|----------------------|----------|-------------------------|---------------|--------------|--------|--------|---------|-----|-----------------|----------------|-----------------|---|---------|----------|----------|----------|----------|-----------|---|-----|
| , |                 |            |          |          |         |          |          |                     |                            |           |              |          | 10/735,933           |          |                         |               |              |        |        |         |     |                 | STEMMLE ET AL. |                 |   |         |          |          |          |          |           |   |     |
|   |                 |            |          |          |         |          |          |                     |                            |           |              |          | Examiner             |          |                         |               |              |        |        |         |     |                 | Art Unit       |                 |   |         |          | ١        |          |          |           |   |     |
|   |                 |            |          |          |         |          |          |                     |                            |           |              |          |                      |          | K                       | Karl D. Frech |              |        |        |         |     |                 |                | 2876            |   |         |          |          |          |          |           |   |     |
|   |                 | √ Rejected |          |          |         |          |          |                     | - (Through numer Cancelled |           |              |          |                      | al)      |                         | N Non-E       |              |        | n-El   | lec     | ted |                 | A              | Appeal          |   |         |          |          |          |          |           |   |     |
|   |                 | = /        |          |          | Allowed |          |          |                     | + Restricted               |           |              | d        |                      |          | i Interf                |               |              | erfe   | rer    | nce     |     | 0               | Objected       |                 |   |         |          |          |          |          |           |   |     |
|   | a               | Claim      |          |          | Date    |          |          | 3                   |                            | $\Box$    | Claim        |          |                      |          | D                       | ate           |              |        | ]      | a       | im  | Ц               | _              | Date            |   |         |          | _        |          |          |           |   |     |
|   | Final           | Original   | 3/14/08  |          |         |          |          |                     |                            |           | Final        | Original | 3/14/06              |          |                         |               |              |        |        |         |     | Final           | Original       |                 |   |         |          |          |          |          |           |   |     |
|   |                 |            | V        |          | 士       | 上        | 目        |                     |                            | 1         |              | 51       | =                    |          |                         |               | $\pm$        | $\pm$  | 土      | $\pm$   |     |                 | 101            |                 | 1                                       | $\pm$   | $\pm$    |          |          |          | $\exists$ |   |     |
|   | -               |            | - E      | +        | +       | ╀╌       | Н        | $\dashv$            | $\dashv$                   | -         | <u> </u>     | 52<br>53 | 1                    | Н        | $\dashv$                | $\dashv$      | +            | +      | +      | -       |     | $\Box$          | 102<br>103     | Н               | $\exists$                               | +       | $\bot$   | F        |          | Н        | $\Box$    | • |     |
|   |                 | 4          | =        |          | 丰       |          | 口        |                     |                            |           |              | 54       | =                    |          |                         | 士             | 1            | 土      | 土      |         |     |                 | 104            |                 | 士                                       | 士       | $\pm$    | ┢        |          |          |           |   |     |
|   | $\vdash$        | 6          | =        | +        | +-      | ╀        | Н        | $\dashv$            | $\dashv$                   | $\dashv$  |              | 55<br>56 | =                    | Н        | $\dashv$                | $\dashv$      | +            | +      | +      |         |     | $\vdash$        | 105<br>106     | Н               | 4                                       | +       | +        | F        |          |          |           |   |     |
|   |                 | 7          | Ξ        |          | 土       | 上        |          | $\exists$           |                            | ╛.        |              | 57       |                      |          |                         | 7             | +            | $^{+}$ | +      |         |     | $\vdash$        | 107            | Н               | $\dashv$                                | +       | ╫        | ╁        | H        | Н        | $\dashv$  |   |     |
|   | .               | 9          | =        | $\dashv$ | +       | 1        | $\vdash$ | 4                   | 4                          | ┦`        |              | 58<br>59 | П                    |          |                         | 7             | $\downarrow$ | 1      | Ţ      | $\perp$ |     |                 | 108            | П               | Ţ                                       | $\perp$ | I        | L        |          |          | $\square$ |   |     |
|   |                 | 10         | =        | $\dashv$ | ╅       | $\vdash$ | Н        | $\dashv$            | ┪                          | $\dashv$  | <u> </u>     | 60       | Н                    | H        | $\dashv$                | ╅             | +            | ╅      | +      | +       |     | $\vdash$        | 109<br>110     | Н               | +                                       | +       | ┿        | ╁        | $\vdash$ | Н        | $\dashv$  |   |     |
|   |                 | 11         | Ξ        | $\Box$   | I       |          |          | 耳                   | $\Box$                     |           |              | 61       |                      |          |                         | I             | 士            | 土      | 土      |         |     |                 | 111            | П               | 1                                       | 土       | İ        |          |          |          |           |   |     |
|   | -               | 12         | 2        | +        | ┿       | ╀╌       | H        | -                   | $\dashv$                   | -         | ┝            | 62<br>63 | Н                    |          | $\dashv$                | -             | 4            | 4      | $\bot$ |         |     | $\Box$          | 112            | Н               | $\dashv$                                | 7       | T        | L        |          | $\Box$   | $\Box$    |   |     |
|   |                 | 14         | =        |          | +       |          | H        | ┪                   | ᅥ                          | -         | H            | 64       | Н                    |          | $\dashv$                | +             | +            | ┿      | +      | +       |     | $\vdash$        | 113            | Н               | $\dashv$                                | ┿       | ╁        | ╁        | Н        | Н        | $\dashv$  |   | ı   |
|   |                 | 15         | 3        | $\Box$   |         |          | П        | $\dashv$            | $\Box$                     | $\Box$    |              | 65       |                      |          | $\Box$                  | $\Box$        | 1            | 丁      | 1      |         |     |                 | 115            |                 | コ                                       | 士       |          |          |          |          |           |   |     |
|   | -               | 16<br>17   | =        | $\dashv$ | ┿       | $\vdash$ | Н        | $\dashv$            | ┥                          | $\dashv$  | $\vdash$     | 66<br>67 | Н                    | Н        | $\dashv$                | $\dashv$      | +            | +      | +      | +       |     | $\vdash \vdash$ | 116<br>117     | $\vdash \vdash$ | 4                                       | +       | +        | ┝        | Н        | Н        | 4         |   |     |
|   |                 | 18         | Ξ        |          | 土       |          |          | ╛                   | ╛                          | J         |              | 68       |                      |          |                         | 士             | 士            | +      | $\pm$  | $\pm$   |     | $\Box$          | 118            | $\Box$          | $\dashv$                                | +       | t        | $\vdash$ | Н        | $\vdash$ | ᅱ         |   |     |
|   | -               | 19<br>20   | =        | +        | +       | ⊢        | Н        | 4                   | -                          |           |              | 69       |                      |          |                         | $\dashv$      | $\downarrow$ | $\bot$ | Ŧ      | $\Box$  |     |                 | 119            | $\Box$          | $\Box$                                  | T       | I        |          |          |          | コ         |   |     |
|   | <b>—</b>        | 21         | =        | +        | +       | $\vdash$ | H        | $\dashv$            | 1                          | $\dashv$  | ⊢            | 70<br>71 | Н                    |          | $\dashv$                | $\dashv$      | +            | +      | ╫      | +       |     | $\vdash$        | 120<br>121     | $\vdash$        | +                                       | ╫       | ╀        | ┝        | Н        | $\dashv$ | $\dashv$  |   | 1   |
|   |                 | 22         | Ξ        | ユ        | $\bot$  |          | $\Box$   |                     | $\Box$                     | $\exists$ |              | 72       |                      |          |                         |               | ユ            | 土      | $\pm$  |         |     |                 | 122            |                 | $\pm$                                   | 土       | 上        |          |          |          | ٦         |   |     |
|   | -               | 23         | =        | $\dashv$ | ┿       | $\vdash$ | Н        | 4                   |                            |           |              | 73<br>74 | Н                    |          | 4                       | 4             | 4            | +      | $\bot$ | $\Box$  |     |                 | 123            |                 | $\bot$                                  | $\bot$  | L        | L        | Ц        | $\Box$   | コ         |   |     |
|   | -               | 25         | -        | +        | +       | $\vdash$ | H        | ┥                   | $\dashv$                   | ┥         | <del> </del> | 75       | Н                    | $\dashv$ | $\dashv$                | $\dashv$      | +            | ╅      | ┿      | +       |     | $\vdash$        | 124<br>125     | $\vdash$        | +                                       | +       | ╁        | ┢        | Н        | $\dashv$ | ┥         |   |     |
|   |                 | 26         | <b>V</b> | $\Box$   | $\perp$ |          |          | $\sqsupset$         |                            |           |              | 76       |                      |          |                         | 土             |              | 土      | 土      |         |     |                 | 126            |                 | 1                                       |         | T        |          | Н        |          | $\dashv$  |   |     |
|   | -               | 27         | =        | $\dashv$ | ┿       |          | Н        | 4                   | 4                          | -         | $\vdash$     | 77<br>78 | Н                    |          | 4                       | $\perp$       | 1            | $\bot$ | Ţ      | $\Box$  |     |                 | 127            | $\Box$          | $\dashv$                                | T       | $\Gamma$ |          |          |          | $\Box$    |   |     |
| • |                 | 29         | =        | +        | ╁       | Н        | H        | +                   | ┪                          | $\dashv$  |              | 79       | Н                    | $\dashv$ | $\dashv$                | $\dashv$      | ╅            | +      | +      | Н       |     | ┝               | 128<br>129     | $\dashv$        | +                                       | +       | ╀        | -        | Н        | $\dashv$ | 긕         |   |     |
|   |                 | 30         |          | $\Box$   | $\perp$ |          |          | $\Box$              |                            | コ         |              | 80       |                      |          |                         | コ             | 1            | 1      | 工      |         |     |                 | 130            |                 | 1                                       | 士       | 士        |          |          |          | J         |   | - 1 |
|   |                 | 31         | 100      | +        | ╁       | $\vdash$ | $\vdash$ | +                   | $\dashv$                   | -         | Ŀ            | 81<br>82 | ⊢┤                   | $\dashv$ | 4                       | +             | +            | +      | ╀      | Н       |     |                 | 131            | $\dashv$        | 4                                       | 4       | $\perp$  |          | П        |          | $\exists$ |   |     |
|   |                 | 33         |          | $\top$   | +       | H        | $\vdash$ | +                   | $\dashv$                   | ┥.        | $\vdash$     | 83       | Н                    | $\dashv$ | ᅱ                       | +             | +            | +      | 十      | Н       |     | ┝╌╢             | 132<br>133     | $\dashv$        | +                                       | ╁       | ╁        | $\vdash$ | Н        | -        | $\dashv$  |   |     |
|   |                 | 34         | =        |          | $\perp$ |          |          | $\exists$           |                            |           |              | 84       |                      |          | コ                       | 士             | 土            | 土      | 1      |         |     |                 | 134            |                 | 1                                       |         |          |          | Н        |          |           |   |     |
|   | -               | 35<br>36   | 2 :      | +        | ╫       | Н        | $\dashv$ | 4                   | -                          | 4         |              | 85<br>86 | Н                    | -        | 4                       | -+-           | +            | +      | ╀      | +       |     |                 | 135            | _               | 4                                       |         | 1_       |          | П        | _        | コ         |   |     |
|   |                 | 37         | =        | $\top$   | $\perp$ | Н        | $\vdash$ | 7                   | +                          | 1         |              | 87       | H                    | ᅱ        | $\dashv$                | +             | +            | +      | +      | +       |     | $\vdash$        | 136<br>137     | $\dashv$        | +                                       | ╁       | ╂        | $\vdash$ | Н        | $\dashv$ | $\dashv$  |   |     |
|   |                 | 38         | •        | $\Box$   | I       |          |          |                     | コ                          |           |              | 88       |                      |          |                         | 士             | 土            | 土      | 土      |         |     |                 | 138            |                 | 1                                       | 十       | T        |          | Н        | $\dashv$ | ┪         |   |     |
|   | -               | 39<br>40   | =        | +        | +-      | Н        | $\dashv$ | +                   | 4                          | 4         |              | 89       | $\sqcup$             |          | 4                       | 4             | +            | 4      | 1      | $\Box$  |     |                 | 139            | $\Box$          | $\perp$                                 | $\bot$  | L        |          |          | $\Box$   | コ         |   |     |
|   |                 | 41         | -        | _        | +       | Н        | $\dashv$ | +                   | +                          | $\dashv$  | $\vdash$     | 90<br>91 | ${oldsymbol{ec{H}}}$ | ┥        | +                       | +             | +            | +      | +-     | ╁┤      |     | $\vdash$        | 140            | $\dashv$        | +                                       | +       | ╁        | $\vdash$ | Н        | $\dashv$ | $\dashv$  |   |     |
|   |                 | 42         | =        | 1        | $\bot$  | П        | $\Box$   | $\rightrightarrows$ | $\rightrightarrows$        |           |              | 92       |                      | 口        | $\exists$               | 寸             | 土            | 士      | 土      | 廿       |     |                 | 142            |                 | 士                                       | 土       |          |          |          | ╛        | $\exists$ |   |     |
|   | -               | 43         | =        | +        | +-      | $\vdash$ | $\dashv$ | 4                   | 4                          | 4         |              | 93       | $\sqcup$             | 4        | $\bot$                  | $\bot$        | $\bot$       | $\bot$ | Ŧ      | $\Box$  |     |                 | 143            | 耳               | T                                       | T       |          |          |          | $\Box$   | $\Box$    |   |     |
|   |                 | 45         | _        | 士        | 士       | Н        | $\dashv$ | $\dashv$            | $\dashv$                   | $\dashv$  | H            | 95       | H                    | -        | +                       | +             | +            | +      | +      | ╁┤      |     |                 | 144            | $\dashv$        | +                                       | +       | ╀        | H        | dash     | $\dashv$ | $\dashv$  |   |     |
|   |                 | 46         | Ξ        | $\Box$   | Ţ       |          | 二        |                     |                            | ╛         |              | 96       |                      |          | <u>コ</u>                | 士             | 士            | 士      | 士      | $\Box$  |     |                 | 146            | 士               | 士                                       |         | T        |          | H        | 7        | $\dashv$  |   |     |
|   | -               | 47         | =        | +        | +-      | Н        | +        | 4                   | 4                          | -         |              | 97<br>98 | $\dashv$             | 4        | $\dashv$                | 4             | #            | Ŧ      | Ţ      | $\Box$  |     |                 | 147            | $\dashv$        | 7                                       | T       |          |          | $\Box$   | $\Box$   | $\Box$    |   |     |
|   |                 | 49         |          | _        | +       | H        | $\dashv$ | +                   | +                          | $\dashv$  |              | 99       | $\dashv$             | $\dashv$ | +                       | +             | +            | +      | +      | ┼┤      | ł   |                 | 148<br>149     | +               | +                                       | +       | $\vdash$ | Н        | $\dashv$ | +        | $\dashv$  |   | -   |
|   |                 | 50         | =        |          |         |          | 1        |                     | ユ                          | J         |              | 100      |                      | I        | $\exists$               | 士             | 1            | 1      | İ      | 廿       | ł   |                 | 150            |                 | 士                                       | 1       | H        | Н        | $\dashv$ | 7        | ┪         |   |     |